

Title (en)  
METHOD FOR AUTONOMOUSLY PARKING AND UN-PARKING A MOTOR VEHICLE

Title (de)  
VERFAHREN ZUM AUTONOMEN EIN- UND AUSPARKEN EINES KRAFTFAHRZEUGS

Title (fr)  
PROCÉDÉ DE STATIONNEMENT ET DE SORTIE AUTONOME D'UN VÉHICULE AUTOMOBILE

Publication  
**EP 3284652 A1 20180221 (EN)**

Application  
**EP 17184842 A 20170804**

Priority  
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Abstract (en)  
A method for autonomously parking or un-parking a motor vehicle (12) includes the steps of locating the motor vehicle (12) within a parking area (30), setting a destination location (59) within the parking area (30), generating and setting a path (61) from the location of the motor vehicle (12) to the destination location (59), and autonomously driving the motor vehicle (12) along the path (61). The path (61) is generated by (a) generating a first set of nodes from the location of the motor vehicle, (b) assigning a cost to each node in the first set of nodes, (c) selecting a lowest cost node from the first set of nodes, (d) generating another set of nodes from the selected node, (e) assigning a cost to each of the newly generated nodes, (f) selecting a lowest cost node from all of the nodes, and (g) repeating steps (d) - (f) until a lowest cost node is located at the destination location.

IPC 8 full level  
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CPC (source: CN EP US)  
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Citation (search report)

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Designated contracting state (EPC)  
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